

Title (en)  
DYNAMOMETER WITH PARALLEL GUIDANCE

Publication  
**EP 0325619 B1 19910724 (DE)**

Application  
**EP 88902115 A 19880310**

Priority  
CH 304087 A 19870808

Abstract (en)  
[origin: WO8901611A1] An elastically reducing dynamometer with a parallel guide comprises a frame (1), two essentially parallel plates (3, 4), a load carrier (2), and four elastic tie joints (5 to 8). The frame (1) is secured to a base plate (12); the load carrier (2) supports a balance pan (16). A load-carrying element (21) clamped between the upper (or lower) end of the load carrier (2) and the lower (or upper) end of the frame converts the compressive (or tensile) force exerted on it into an electric signal. The parts (1 to 8) constituting the parallel guide are manufactured from a single piece, for example by profile extrusion or wire erosion.

IPC 1-7  
**G01G 21/24**

IPC 8 full level  
**G01G 21/24** (2006.01); **G01L 1/00** (2006.01)

CPC (source: EP US)  
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Cited by  
US6216542B1

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**DE 8711385 U1 19881215**; CH 673531 A5 19900315; DE 3863917 D1 19910829; EP 0325619 A1 19890802; EP 0325619 B1 19910724; JP H02501161 A 19900419; US 5259253 A 19931109; WO 8901611 A1 19890223

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